

Structural & Offshore Steel Plate



Applications

- Bridges
- Machinery parts
- Mechanical engineering
- Mining equipment
- Oilfield fabrications
- Plate girders
- Transport equipment
- Storage tanks
- Wind towers

Key Benefits

- All materials sourced and supplied from Western European mills.
- Available shot blasted and primed.
- Complete projects supplied.
- Cut to size.
- Fast track mill service available on all products.
- Fully accredited quality systems to ISO 9001, 14001 and 18001.
- Delivered worldwide by our international logistics organisation.

Brown McFarlane offers the widest range of carbon steel plate, available ex-stock.

Specifications/Grades

EN 10025
S235 JR/J0/J2
S275 JR/J0/J2/N/NL
S355 J0/J2/K2/N/NL
S420 N/NL
S460 NL
S690 QL
S890 QL
S960 QL

ASTM/ASME SA/A 36
ASTM/ASME SA/A 283 Gr.C
ASTM/ASME SA/A 285 Gr.C
ASTM/ASME SA/A A572 Gr. 50

Supplied in as rolled, normalized or quenched and tempered condition as applicable.

Structural steel plate is available from stock and cut to size from the most basic grades through to highly specified specialised steels.



Available Sizes

Thickness: 5mm	Widths: 1500/2000/2500mm
Thickness: 6/8/10/12mm	Widths: 2000/2500/3000mm
Thickness: 12.5/13mm	Widths: 2000/2500/3000/3500/4000mm
Thickness: 15mm	Widths: 2000/2500/3000/3500mm
Thickness: 16mm	Widths: 2000/2500/3000/3500/4000mm
Thickness: 18mm	Widths: 2000/2500/3000mm
Thickness: 20/22/25/30mm	Widths: 2000/2500/3000/3500/4000mm
Thickness: 32mm	Widths: 2000/2500/3000mm
Thickness: 35mm	Widths: 2000/2500/3000/3500mm
Thickness: 40mm	Widths: 2000/2500/3000/3500/4000mm
Thickness: 45/50/55/60/65/70/75/80/90/100mm	Widths: 2000/2500/3000mm
Thickness: 110/120/130/140/150/160mm	Widths: 2000/2500mm
Thickness: 180/200/210/220/350/300/400mm	Widths: 2000/2500mm

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Mechanical Properties of Grades to EN 10025

Grade	Mini Yield MPa	Tensile MPa	Impact Values (min)
S275 JR	275	410/560	27J ₀ 20 ⁰ c
S275 JO	275	410/560	27J ₀ 0 ⁰ c
S275 J2	275	410/560	27J ₀ -20 ⁰ c
S275 N	275	370/510	40J ₀ -20 ⁰ c
S275NL	275	370/510	27J ₀ -50 ⁰ c
S355 JR	355	470/630	27J ₀ 20 ⁰ c
S355 JO	355	470/630	27J ₀ 0 ⁰ c
S355 J2	355	470/630	27J ₀ -20 ⁰ c
S355 K2	355	470/630	40J ₀ -20 ⁰ c
S355 N	355	470/630	40J ₀ -20 ⁰ c
S355 NL	355	470/630	27J ₀ -50 ⁰ c
S460 N	460	550/720	40J ₀ -20 ⁰ c
S460 NL	460	550/720	27J ₀ -50 ⁰ c



Quality steel plate suppliers to the world